

EcoFlow PowerOcean LFP Battery

Home Solar Battery Solution

The innovative 3-phase solar battery solution starting from 5kWh, expandable at all times. EcoFlow PowerOcean is a premium 3-phase modular home solar solution. With a flexible upfront investment, outstanding safety features, outage backup and super smart control, PowerOcean is designed to achieve power independence for the whole house.



For installers

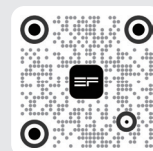


EcoFlow Pro Web Portal

<https://portal.ecoflow.com/pro/au>

EcoFlow Pro App

For users



EcoFlow Web Portal

<https://portal.ecoflow.com/user/au>

EcoFlow App

Number of Battery Packs		EF BD-5.1-S1	EF BD-10.2-S1	EF BD-15.3-S1	EF BD-20.4-S1
Performance	Battery Nominal Capacity (kWh)	5.12	10.24	15.36	20.48
	Battery Usable Capacity (95% Depth of Discharge)* (kWh)	4.8	9.7	14.5	19.4
	Max. Discharge Power (kW)	3.3	6.6	9.9	13.2
	Max. Charge Power (kW)	2.5	5.0	7.5	10.0
	Nominal Voltage (V)	800			
	Operating Voltage Range (V)	720-960			
	Battery Short Circuit current (A)	200A for 300 us	400A for 300 us	600A for 300 us	800A for 300 us
	Battery Maximum Discharge Current (A)	4.4	8.8	13.2	17.6
	Battery Maximum Charge Current (A)	3.3	6.6	9.9	13.2
	Rated DC Power (kW)	Discharge: 3.3 Charge: 2.5	Discharge: 6.6 Charge: 5.0	Discharge: 9.9 Charge: 7.5	Discharge: 13.2 Charge: 10
Battery Cell Type	LFP				
Compliance	Certificates	RCM MARK			
	Safety Standard	IEC 62619, IEC 62040-1, IEC 62477-1, ISO13849,VDE-AR-E-2510-50			
	Delivery Standard	UN38.3			
	EMC	IEC 61000-6-1,EN61000-6-2,EN61000-6-3,EN61000-6-4			
General	Dimension (mm)	680×183×612 (±1)	680×183×1009 (±1)	680×183×1406 (±1)	680×183×1803 (±1)
		Weight (kg)	65.6	120.9	176.2
	Environmental Category	Indoor/Outdoor			
	Installation	Floor stand / wall mounted			
	Operating Temperature (°C)	-20 to 50			
	Max. Operating Altitude (m)	3000			
	Communication Method	CAN			
	Cooling Method	Natural convection			
	Noise Level (dB)	≤35			
	Relative Humidity	0%-100% (Condensing)			
	Active Aerosol Fire Prevention Module	Integrated			
	Protection Level	IP65			
	Protective Class	I			

* To maintain optimal battery performance in low-temperature environments, the depth of discharge (DoD) may vary with actual temperature. This is a normal fluctuation.